

GC Accessories Quarterly Spotlight

2008.02



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Details on page 6.

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22788

Certified Autosampler Vial Kits

National Scientific's certified vial kits provide the extra assurance that time after time the vial that you use upholds the rigorous manufacturing standards of National Scientific. These certified vial kits include your choice of vials and closures, conveniently packaged in benchtop storage compartments.

- Certificates enclosed with each kit.
- Vials of clear or amber borosilicate glass, with ID marking spots.
- Closures with pre-inserted septa.
- Each kit sealed for integrity purposes.

Certification Parameters Include:

Vial Dimensions: height, diameter, bottom thickness, neck length, thread profile, and annealing

Cap/Septum: diameter, height, thread integrity, center flash, septa insertion, sealing/resealing test, residue by headspace GC, and extractables

Chemical Test:

HPLC Test: nonvolatile residue

GC Test: volatile residue



22792

Certified Vials, 2.0mL Screw-Thread Vials

Description	100-pk.
Assembled 2mL Clear Vial w/Marking Spot and Bonded PTFE/Silicone Slit Septa	22789
Assembled 2mL Amber Vial w/Marking Spot and Bonded PTFE/Silicone Slit Septa	22788
Unassembled 2mL Clear Vial w/Marking Spot and Bonded PTFE/Silicone Septa	22792
Unassembled 2mL Clear High Recovery Vial w/Marking Spot and Bonded PTFE/Silicone Slit Septa	22793
Unassembled 2mL Amber Vial w/Marking Spot and Bonded PTFE/Silicone Septa	22790
Unassembled 2mL Amber High Recovery Vial w/Marking Spot and Bonded PTFE/Silicone Slit Septa	22791



Versa Vial™ Vials, Glass, 2.0mL, 12 x 32mm

- Increased neck length for accommodating fluctuations in robotic arm settings.
- Eliminate cracked necks, breakage and dangerous sharp edges, using soft Versa Vial™ PTFE/silicone plugs.
- Largest target area available, ideal for sampling and pipet use.
- Vials available with or without graduated marking spots.
- Patent pending.

Description	100-pk.	1000-pk.
2.0mL Clear Glass Vial	22701	22702
2.0mL Clear Glass Vial w/Graduated Marking Spot	22703	22704
2.0mL Amber Glass Vial	22697	22698
2.0mL Amber Glass Vial w/Graduated Marking Spot	22699	22700



Versa Vial™ Vials, Polypropylene, 1.5mL, 12 x 32mm

Description	100-pk.	1000-pk.
1.5mL Polypropylene Vial	22705	22706



Versa Vial™ Inserts

Description	100-pk.	1000-pk.
250µL Glass Insert w/Glass Flange	22707	22708
250µL Polypropylene w/Flange	22709	22710
250µL Glass Flat Bottom Insert	22711	22712



Versa Vial™ Plugs

Description	100-pk.	1000-pk.
12mm, Green Polyethylene Plug	22713	22714
12mm, Grey Chlorobutyl/Siliconized Plug	22715	22716
12mm, White PTFE/Silicone Plug	22717	22718
12mm, White PTFE/Silicone Plug w/Slit*	22719	22720

*Eliminates needle damage to plug.

Autosampler Vials, Seals, and Kits

Crimp-Top Vials, 2.0mL, 12 x 32mm, 11mm Crimp

Description	100-pk.	1000-pk.
2.0mL Clear Glass Vial w/White Graduated Marking Spot	24383	24384
2.0mL Amber Glass Vial w/White Graduated Marking Spot	24385	24386
2.0mL Clear Glass Vial without Graduated Marking Spot	21152	21153



2.0mL, 11mm Aluminum Crimp Seals with Septa

Description	100-pk.	500-pk.	1000-pk.
Silver Seal, PTFE/Natural Rubber Septa	21174	—	21175
Blue Seal, PTFE/Red Rubber Septa	24351	—	24352
Green Seal, PTFE/Red Rubber Septa	24353	—	24354
Red Seal, PTFE/Red Rubber Septa	24355	—	24356
Yellow Seal, PTFE/Red Rubber Septa	24357	—	24358
Mixed Colors, PTFE/Rubber Septa	—	21724	—
Silver Seal, PTFE/Silicone Septa	24359	—	24360
Blue Seal, PTFE/Silicone Septa	24361	—	24362
Green Seal, PTFE/Silicone Septa	24363	—	24364
Red Seal, PTFE/Silicone Septa	24365	—	24366
Yellow Seal, PTFE/Silicone Septa	24367	—	24368
Mixed Colors, PTFE/Silicone Septa	—	21725	—
Silver Seal, PTFE/Silicone/PTFE Septa	24369	—	24370



Convenience Kits: Vials, Caps, & Septa

Vials packaged in a clear-lid tray. Caps with septa packaged in a plastic bag.

Description	100-pk.	1000-pk.
2.0mL Clear Vial, deactivated, PTFE/Natural Rubber Silver Seal	24671	24672
2.0mL Amber Vial, deactivated, PTFE/Natural Rubber Silver Seal	24673	24674
2.0mL Clear Vial, untreated, PTFE/Natural Rubber Silver Seal	21196	21197
2.0mL Amber Vial, untreated, PTFE/Natural Rubber Silver Seal	21198	21199
2.0mL Clear Vial, untreated, PTFE/Silicone Silver Seal	24646	24647
2.0mL Amber Vial, untreated, PTFE/Silicone Silver Seal	24648	24649



Limited Volume Inserts for 2.0mL Crimp-Top & Short-Cap, Screw-Thread Vials

Description	100-pk.	1000-pk.
50µL Glass, Big Mouth w/ Bottom Spring	24513	21782
250µL Glass, Big Mouth Insert w/ Bottom Spring	21776	21777
250µL Glass, Big Mouth Insert w/ Glass Flange (Step Design)*	24516	21779
350µL Glass, Flat Bottom Insert	21780	24517
350µL Glass, Flat Bottom Insert w/ ID Ring	24692	24693
250µL Polypropylene, Big Mouth, Bottom Spring	24518	—
new! 250µL Polypropylene, Big Mouth, Bottom Spring w/ Graduated Markings	24518A	—
250µL Polypropylene, Big Mouth, Top Flange	24519	—
250µL Polypropylene, Big Mouth, No Spring	24520	—

*Not to be used with 9mm screw-thread vials.



Snap Rack™ Storage Unit

The Snap Rack™ sample vial rack is an innovation that allows you to keep your vials and caps together. Constructed of tough polypropylene, the Snap Rack™ holds 50 12 x 32mm size vials. The Snap Rack™ is stackable too! Simply “snap” one rack on top of another. Double rack capacity by snapping a rack across another rack. With a standard vial rack, once the post breaks, a replacement rack is needed. The Snap Rack™ eliminates this problem!

Description	Capacity	qty.	cat.#
50 Position Snap Rack for 12 x 32mm Vials	50	ea.	24521



Snap Rack™ vial racks are stackable for maximum storage of vials and caps!

Headspace Vials, Caps, and Seals

20mm Crimp-Top and 18mm Screw-Top Headspace Vials

- 6, 10, 20, and 27mL vials available with 20mm crimp-seal finish.
- 10 and 20mL screw-top vials available with 18mm screw-thread finish.
- Compatible with Gerstel and CTC/Leap Technologies headspace samplers when used with magnetic closures.



10mL 20mL
screw-top vial

new!

Screw-Top Headspace Vials

Description	Dimensions	qty.	cat.#
20mL Screw-Top Vial	22 x 75mm	125-pk.	22794
10mL Screw-Top Vial	22 x 45mm	125-pk.	22795

new!

Magnetic Screw-Thread Caps

Description	qty.	cat.#
18mm Magnetic Screw-Thread Cap w/PTFE/Silicone	125-pk.	22796
18mm Magnetic Screw-Thread Cap w/PTFE/Silicone for SPME	125-pk.	22797
18mm Magnetic Screw-Thread Cap w/Pre-slit PTFE/Silicone for SPME	125-pk.	22798
18mm Magnetic Screw-Thread Cap w/PTFE/Blue Chlorobutyl	125-pk.	22799



18mm magnetic
screw-thread caps

Headspace Autosampler Vials

Description	Dimensions	100-pk.	1000-pk.
a) 6mL Clear Vial	22 x 38mm	21166	21167
b) 10mL Clear Vial, Flat Bottom	23 x 48mm	24683	24684
c) 10mL Clear Vial, Rounded Bottom	23 x 48mm	21164	21165
d) 20mL Clear Vial, Flat Bottom	23 x 75mm	24685	24686
e) 20mL Clear Vial, Rounded Bottom	23 x 75mm	21162	21163
f) 27mL Clear Vial	30 x 60mm	21160	21161



6.0mL Headspace Vial

20mm Aluminum Seals w/Septa, Assembled

Description	100-pk.	1000-pk.
Silver Seal w/ PTFE/Gray Butyl Rubber	21761	21762
Silver Seal w/ PTFE/Silicone	21763	21764
Pressure Release Silver Seal w/ PTFE/Gray Butyl Rubber Septum	21765	21766
Pressure Release Silver Seal w/ PTFE/Silicone Septum	21767	21768
20mm Magnetic Crimp Cap w/Teflon/Silicone Septum (tan/white) with 8mm Hole	22831	22832
20mm Magnetic Crimp Cap w/Teflon/Silicone Septum (tan/white) with 5mm Hole	22833	22834
20mm Magnetic Crimp Cap w/PTFE/Butyl Septum with 8mm Hole	22835	22836
20mm Magnetic Crimp Cap w/PTFE/Butyl Septum with 5mm Hole	22837	22838

5mm hole is compatible with the following systems: Carlo Erba HS500/HS800, CTC 500, Fisons HS500/HS800 and Varian/Chrompack 9020/25. 8mm hole is compatible with the Combi Pal.



Safer than removing caps with pliers, knives or screwdriver blades!

Aluminum Seal Crimpers and Decappers

The crimper is adjustable for optimized sealing performance and is comfortable enough for prolonged use. If you need to save, transfer, or dispose of your samples, our decapper allows you to remove a crimp-top cap safely and easily. Far safer than removing caps with pliers, knife or screwdriver blades, etc. If you aren't currently using a seal decapper, we recommend you order one today!

Description	qty.	cat.#
20mm Crimper	ea.	21737
20mm Decapper	ea.	21738



Decapper



Crimper



Restek's purifiers and traps provide cost-effective gas purity assurance.

Indicating Oxygen Trap

- Indicator changes color from light green to grey as oxygen is trapped.
- Heavy-walled glass body prevents oxygen & water infusion.
- Prepurged for fast stabilization.
- 100psi (689kPa) maximum operating pressure.
- Reduces oxygen to 0.1ppm.



Dimensions: 10" x 1 1/4"
(25.4 x 3.2 cm)

Description	qty.	cat.#
Indicating Oxygen Trap, 1/8" Nickel-Plated Brass Fittings	ea.	22010
Indicating Oxygen Trap, 1/4" Nickel-Plated Brass Fittings	ea.	22011

High-Capacity Oxygen Trap

- Removes up to 600mg of oxygen or 2g of water.
- Long life—typically purifies more than five 200ft³ cylinders.
- Reduces oxygen to 15ppb.
- Maximum operating pressure: 250psi (1,724kPa).
- Flow: 3L/min. @ 32psi (221kPa).



Dimensions: 11" x 1 1/2"
(27.9 x 3.8 cm)

GC/MS Compatible

Description	qty.	cat.#
High-Capacity Oxygen Trap, 1/8" Nickel-Plated Brass Fittings	ea.	20601
High-Capacity Oxygen Trap, 1/4" Nickel-Plated Brass Fittings	ea.	20600

High-Capacity Moisture Trap

- Purged with ultra-high-purity helium; ready to use.
- Reduces water to less than 15ppb.
- Maximum operating pressure: 250psi (1,724kPa).
- Maximum flow: 1.25L/min.



Dimensions: 11" x 1 1/2"
(27.9 x 3.8 cm)

Description	qty.	cat.#
High-Capacity Moisture Trap, 1/8" Nickel-Plated Brass Fittings	ea.	21997
High-Capacity Moisture Trap, 1/4" Nickel-Plated Brass Fittings	ea.	20638

Indicating Moisture Trap

- Reduces water to less than 10ppb; indicator changes color from blue to pink at 5% relative humidity.
- Prepurged for fast stabilization.
- Reduces noise from high-sensitivity detectors.
- Heavy-walled glass body prevents oxygen & water infusion.
- 40µm frit prevents microparticulate damage to needle valves and flow controllers.
- Maximum operating pressure: 100psi (689kPa).



Dimensions: 13" x 2"
(33 x 5.1 cm)

Description	qty.	cat.#
Indicating Moisture Trap, 1/8" Nickel-Plated Brass Fittings	ea.	22014
Indicating Moisture Trap, 1/4" Nickel-Plated Brass Fittings	ea.	22015

Capillary-Grade Hydrocarbon Trap

- Packed with an extremely high surface area, baked coconut shell-based activated carbon.
- Purged with ultra-high-purity helium.
- Reduces organics to 0.1ppm (assuming 100ppm input).
- Maximum operating pressure: 250psi (1,724kPa).



Dimensions: 11" x 1 1/2"
(27.9 x 3.8 cm)

Description	qty.	cat.#
Capillary-Grade Hydrocarbon Trap, 1/8" Nickel-Plated Brass Fittings	ea.	21991
Capillary-Grade Hydrocarbon Trap, 1/4" Nickel-Plated Brass Fittings	ea.	21992

High-Capacity Split Vent Trap

- Reduces the release of hazardous materials from the capillary split vent into the lab.
- Lasts approximately one month or 1,500 injections.
- Includes connecting lines and mounting kit.



Dimensions: 6" x 1"
(15.2 x 2.5 cm)

Description	qty.	cat.#
High-Capacity Split Vent Trap, 1/8" Fittings	ea.	20698
High-Capacity Split Vent Trap, 1/8" Fittings	5-pk.	20699

ECD Vent Trap

- Reduces the release of hazardous materials from the ECD vent into the lab.
- Includes connecting lines and mounting kit.



Dimensions: 6" x 1"
(15.2 x 2.5 cm)

Description	qty.	cat.#
ECD Vent Trap, 1/8" Fittings	ea.	22017

To view Restek's **complete line of gas management supplies**, refer to our 2008 catalog or visit www.restek.com

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Inlet Liner Special Offer

Save 10%, 20%, or 30% off select inlet liners and receive a free technical liner poster.

Buy one 5-pack and receive a **10% discount** and a free technical liner poster.










Buy two* 5-packs and receive a **20% discount** and a free technical liner poster.

Buy three* 5-packs and receive a **30% discount** and a free technical liner poster.

Simply place your order referencing the catalog number from the following table, but hurry, offer expires September 30, 2008.

*Discount applies to multiple packs of the same liner catalog number from the table below. Cannot be combined with other discounts or offers.

For Agilent GCs

Description	ID* x OD x Length	qty.	cat.#	price (AUD)
Cycloplitter® Liner for Agilent GCs				
 Cycloplitter, 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	20707-409.1	\$306.00
Cycloplitter, 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	20707-409.2	\$272.00
Cycloplitter, 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	20707-409.3	\$238.00
Cup Splitter Liner for Agilent GCs				
 Cup Splitter, 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	20710-409.1	\$288.00
Cup Splitter, 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	20710-409.2	\$256.00
Cup Splitter, 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	20710-409.3	\$224.00
Drilled Uniliner® Liner for Agilent GCs (hole near bottom)				
 Drilled Uniliner (hole near bottom), 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	20771-409.1	\$486.00
Drilled Uniliner (hole near bottom), 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	20771-409.2	\$432.00
Drilled Uniliner (hole near bottom), 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	20771-409.3	\$378.00
 Siltek Drilled Uniliner (hole near bottom), 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	20771-214409.1	\$522.00
Siltek Drilled Uniliner (hole near bottom), 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	20771-214409.2	\$464.00
Siltek Drilled Uniliner (hole near bottom), 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	20771-214409.3	\$406.00
Drilled Uniliner® Liner for Agilent GCs (hole near top)				
 Drilled Uniliner (hole near top), 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	21055-409.1	\$441.00
Drilled Uniliner (hole near top), 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	21055-409.2	\$392.00
Drilled Uniliner (hole near top), 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	21055-409.3	\$343.00
 Siltek Drilled Uniliner (hole near top), 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	21055-214409.1	\$468.00
Siltek Drilled Uniliner (hole near top), 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	21055-214409.2	\$416.00
Siltek Drilled Uniliner (hole near top), 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	21055-214409.3	\$364.00
Split Liner w/ Wool for Agilent GCs				
 4mm Split w/ Wool, 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	20782-409.1	\$121.50
4mm Split w/ Wool, 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	20782-409.2	\$108.00
4mm Split w/ Wool, 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	20782-409.3	\$94.50
Splitless Liner for Agilent GCs				
 4mm Splitless, 10% off	4.0mm x 6.5mm x 78.5mm	5-pk.	20773-409.1	\$108.00
4mm Splitless, 20% off	4.0mm x 6.5mm x 78.5mm	2 x 5-pk.	20773-409.2	\$96.00
4mm Splitless, 30% off	4.0mm x 6.5mm x 78.5mm	3 x 5-pk.	20773-409.3	\$84.00
Gooseneck Splitless Liner for Agilent GCs				
 Gooseneck Splitless (4mm), 10% off	4.0mm x 6.5mm x 78.5mm	5-pk.	20799-409.1	\$148.50
Gooseneck Splitless (4mm), 20% off	4.0mm x 6.5mm x 78.5mm	2 x 5-pk.	20799-409.2	\$132.00
Gooseneck Splitless (4mm), 30% off	4.0mm x 6.5mm x 78.5mm	3 x 5-pk.	20799-409.3	\$115.50
 Siltek Gooseneck Splitless (4mm), 10% off	4.0mm x 6.5mm x 78.5mm	5-pk.	20799-214409.1	\$180.00
Siltek Gooseneck Splitless (4mm), 20% off	4.0mm x 6.5mm x 78.5mm	2 x 5-pk.	20799-214409.2	\$160.00
Siltek Gooseneck Splitless (4mm), 30% off	4.0mm x 6.5mm x 78.5mm	3 x 5-pk.	20799-214409.3	\$140.00
Gooseneck Splitless Liner w/ Wool for Agilent GCs				
 Gooseneck Splitless (4mm) w/ Wool, 10% off	4.0mm x 6.5mm x 78.5mm	5-pk.	22406-409.1	\$153.00
Gooseneck Splitless (4mm) w/ Wool, 20% off	4.0mm x 6.5mm x 78.5mm	2 x 5-pk.	22406-409.2	\$136.00
Gooseneck Splitless (4mm) w/ Wool, 30% off	4.0mm x 6.5mm x 78.5mm	3 x 5-pk.	22406-409.3	\$119.00

*Nominal ID at needle syringe expulsion point.



Use our "Liner Anatomy" poster to understand liner features and quickly determine which inlet liner is right for your application. Easy-to-read, informative comparisons of packing options, geometries, deactivations, and dimensions.

FREE with your inlet liner purchase from this flyer!

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and get a **FREE**
inlet liner poster

For PerkinElmer GCs

Description	ID* x OD x Length	qty.	cat.#	price (AUD)
Cyclo-Uniliner® Liner for PerkinElmer GCs				
Auto SYS Cyclo-Uniliner, 10% off	4.0mm x 6.2mm x 92.1mm	5-pk.	20840-409.1	\$396.00
Auto SYS Cyclo-Uniliner, 20% off	4.0mm x 6.2mm x 92.1mm	2 x 5-pk.	20840-409.2	\$352.00
Auto SYS Cyclo-Uniliner, 30% off	4.0mm x 6.2mm x 92.1mm	3 x 5-pk.	20840-409.3	\$308.00



Split Precision™ Liner w/ Wool for PerkinElmer GCs				
Auto SYS Split Precision Liner w/ Wool, 10% off	4.0mm x 6.2mm x 92.1mm	5-pk.	21027-409.1	\$315.00
Auto SYS Split Precision Liner w/ Wool, 20% off	4.0mm x 6.2mm x 92.1mm	2 x 5-pk.	21027-409.2	\$280.00
Auto SYS Split Precision Liner w/ Wool, 30% off	4.0mm x 6.2mm x 92.1mm	3 x 5-pk.	21027-409.3	\$245.00



Split/Splitless Liner w/ Wool for PerkinElmer GCs				
Auto SYS XL PSS Split/Splitless w/ Wool, 10% off	2.0mm x 4.0mm x 86.2mm	5-pk.	21718-409.1	\$270.00
Auto SYS XL PSS Split/Splitless w/ Wool, 20% off	2.0mm x 4.0mm x 86.2mm	2 x 5-pk.	21718-409.2	\$240.00
Auto SYS XL PSS Split/Splitless w/ Wool, 30% off	2.0mm x 4.0mm x 86.2mm	3 x 5-pk.	21718-409.3	\$210.00



For Shimadzu GCs

Description	ID* x OD x Length	qty.	cat.#	price (AUD)
Split/Splitless Liner w/ Wool for Shimadzu GCs				
Split/Splitless w/ Wool, 10% off	3.5mm x 5.0mm x 95mm	5-pk.	20956-409.1	\$162.00
Split/Splitless w/ Wool, 20% off	3.5mm x 5.0mm x 95mm	2 x 5-pk.	20956-409.2	\$144.00
Split/Splitless w/ Wool, 30% off	3.5mm x 5.0mm x 95mm	3 x 5-pk.	20956-409.3	\$126.00
Siltek Split/Splitless w/ Wool				
Siltek Split/Splitless w/ Wool, 10% off	3.5mm x 5.0mm x 95mm	5-pk.	20956-213409.1	\$252.00
Siltek Split/Splitless w/ Wool, 20% off	3.5mm x 5.0mm x 95mm	2 x 5-pk.	20956-213409.2	\$224.00
Siltek Split/Splitless w/ Wool, 30% off	3.5mm x 5.0mm x 95mm	3 x 5-pk.	20956-213409.3	\$196.00



Uniliner® Liner w/ Wool for Shimadzu GCs				
Uniliner w/ Wool, 10% off	3.5mm x 5.0mm x 95mm	5-pk.	21719-409.1	\$328.50
Uniliner w/ Wool, 20% off	3.5mm x 5.0mm x 95mm	2 x 5-pk.	21719-409.2	\$292.00
Uniliner w/ Wool, 30% off	3.5mm x 5.0mm x 95mm	3 x 5-pk.	21719-409.3	\$255.50



For Thermo Scientific GCs

Description	ID* x OD x Length	qty.	cat.#	price (AUD)
Split/Splitless Siltek® Treated Metal Inlet Liner for Thermo Scientific GCs				
Split/Splitless Siltek Metal Inlet Liners, 10% off	2.0mm x 2.75mm x 120mm	5-pk.	21083-409.1	\$207.00
Split/Splitless Siltek Metal Inlet Liners, 20% off	2.0mm x 2.75mm x 120mm	2 x 5-pk.	21083-409.2	\$184.00
Split/Splitless Siltek Metal Inlet Liners, 30% off	2.0mm x 2.75mm x 120mm	3 x 5-pk.	21083-409.3	\$161.00



Split Liner for Thermo Scientific GCs				
5mm Split, 10% off	5.0mm x 8.0mm x 105mm	5-pk.	20940-409.1	\$180.00
5mm Split, 20% off	5.0mm x 8.0mm x 105mm	2 x 5-pk.	20940-409.2	\$160.00
5mm Split, 30% off	5.0mm x 8.0mm x 105mm	3 x 5-pk.	20940-409.3	\$140.00



Laminar Cup Splitter Liner for Thermo Scientific GCs				
Laminar Cup Splitter, 10% off	4.0mm x 8.0mm x 105mm	5-pk.	20949-409.1	\$432.00
Laminar Cup Splitter, 20% off	4.0mm x 8.0mm x 105mm	2 x 5-pk.	20949-409.2	\$384.00
Laminar Cup Splitter, 30% off	4.0mm x 8.0mm x 105mm	3 x 5-pk.	20949-409.3	\$336.00



For Varian GCs, see back page.

Save up to **30%** on inlet liners and get a **FREE** inlet liner poster
Details on page 6.

For Varian GCs

Description	ID* x OD x Length	qty.	cat.#	price (AUD)
Split Liner for Varian 1078/1079 GCs				
Split-No Frit, 10% off	3.4mm x 5.0mm x 54mm	5-pk.	20901-409.1	\$256.50
Split-No Frit, 20% off	3.4mm x 5.0mm x 54mm	2 x 5-pk.	20901-409.2	\$228.00
Split-No Frit, 30% off	3.4mm x 5.0mm x 54mm	3 x 5-pk.	20901-409.3	\$199.50
Split Liner w/ Frit for Varian 1078/1079 GCs				
Siltek Split w/ Frit, 10% off	3.4mm x 5.0mm x 54mm	5-pk.	21709-214409.1	\$306.00
Siltek Split w/ Frit, 20% off	3.4mm x 5.0mm x 54mm	2 x 5-pk.	21709-214409.2	\$272.00
Siltek Split w/ Frit, 30% off	3.4mm x 5.0mm x 54mm	3 x 5-pk.	21709-214409.3	\$238.00
Split Liner w/Glass Frit for Varian 1177 GCs				
Siltek 4mm Split w/Glass Frit, 10% off	4.0mm x 6.3mm x 78.5mm	5-pk.	21046-214409.1	\$315.00
Siltek 4mm Split w/Glass Frit, 20% off	4.0mm x 6.3mm x 78.5mm	2 x 5-pk.	21046-214409.2	\$280.00
Siltek 4mm Split w/Glass Frit, 30% off	4.0mm x 6.3mm x 78.5mm	3 x 5-pk.	21046-214409.3	\$245.00



restek
innovation!
 No more burned fingers!

Inlet Liner Removal Tool

- Easily remove liner from injector—no more burned fingers.
- Made from high-temperature silicone.
- Won't chip or crack the liner.



Gently push the liner removal tool onto the liner in the injection port, with a slight circular motion.



Slowly pull the liner out of the injection port.



Use the liner removal tool to place a new liner into the injection port, avoiding hot metal surfaces.

Description	qty.	cat.#	price (AUD)
Inlet Liner Removal Tool	3-pk.	20181	\$54.00

Mini Wool Puller/Inserter

Insert and remove wool plugs easily. Order a spare pack so you'll always have one available.



Place a 1cm plug of loosely bound wool in the liner. Adjust its position with the puller/inserter tool.



Use the hooked end to retrieve a wool plug.

Description	qty.	cat.#	price (AUD)
Mini Wool Puller/Inserter	2-pk.	20114	\$30.00

Restek Trademarks: Cycloplitter, Precision, Siltek, Uniliner, the Restek logo. Other Trademarks: Versa Vial, Snap Seal, and Snap Rack (J.G. Finneran Associates, Inc.).



Lit. Cat.# GNFL1052-INT

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